

## WHAT IS CLAIMED IS:

1. A dielectric material for a plasma display panel comprising 80-100 mass% glass powder and 0-20 mass% ceramic powder, wherein:  
the glass powder consists essentially of, in mass percent, 3-25% BaO, 25-60% ZnO, 15-35% B<sub>2</sub>O<sub>3</sub>, 3-30% SiO<sub>2</sub>, 0.2-6% Li<sub>2</sub>O, and 0-1.5% Al<sub>2</sub>O<sub>3</sub>.
2. A dielectric material according to claim 1, wherein:  
the glass powder contains, in mass percent, 1-12% Li<sub>2</sub>O+Na<sub>2</sub>O+K<sub>2</sub>O.
3. A dielectric material according to claim 1, wherein:  
the glass powder does not substantially contain PbO.
4. A dielectric material according to claim 1, wherein:  
the glass powder is a crystallizable glass consisting essentially of, in mass percent, 3-25% BaO, 30-60% ZnO, 15-35% B<sub>2</sub>O<sub>3</sub>, 3-20% SiO<sub>2</sub>, 0.2-6% Li<sub>2</sub>O, and 0-1.5% Al<sub>2</sub>O<sub>3</sub>.
5. A dielectric material according to claim 4, wherein:  
the ratio of BaO/(B<sub>2</sub>O<sub>3</sub>+SiO<sub>2</sub>) in the glass powder falls within a range between 0.1 and 0.8.
6. A dielectric material according to claim 4, wherein:  
the glass powder has a crystallization temperature between 600°C and 800°C.
7. A dielectric material according to claim 1, wherein:  
the glass powder is a non-crystallizable glass consisting essentially of, in mass percent, 3-25% BaO, 25-45% ZnO, 15-35% B<sub>2</sub>O<sub>3</sub>, 10-30% SiO<sub>2</sub>, 0.2-6% Li<sub>2</sub>O, and 0-1.5% Al<sub>2</sub>O<sub>3</sub>.

8. A dielectric material according to claim 7, wherein:  
a ratio of  $B_2O_3/SiO_2$  in the glass powder falls within a range between 0.8 and 2.0.
9. A dielectric material according to claim 1, wherein:  
the glass powder has a granularity given by an average particle size  $D_{50}$  of 3.0  $\mu m$  or less and a maximum particle size  $D_{max}$  of 20  $\mu m$  or less.